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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mitalipova, et al.

Serial No. 10/539,951

Filed: June 17, 2005

For: Compositions and Methods for Neural Cell
Production and Stabilization

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Mail Stop Amendment
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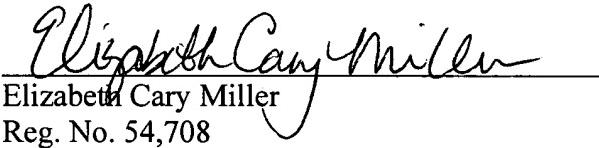
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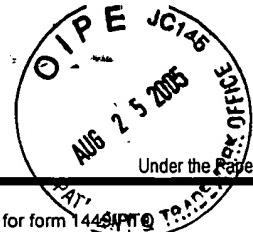
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				Application Number	10/539,951
				Filing Date	June 17, 2005
				First Named Inventor	Mitalipova, et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	18377-0061

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ² (if known)				
		WO 00/27995	05-18-2000	Monash University		
		WO 01/51611	07-19-2001	BresaGen Limited		
		WO 97/32033	09-04-1997	Vanderbilt University		Abstract
		WO 98/43679	10-08-1998	The Johns Hopkins University School of Medicine		
		WO 99/32606	07-01-1999	Brustle		Abstract
		WO 99/53021	10-21-1999	BresaGen Limited		
		DE 197 56 864 C1	12-19-1997	Vossius et al.		Abstract
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				Application Number	10/539,951
				Filing Date	June 17, 2005
				First Named Inventor	Mitalipova, et al.
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	18377-0061
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		BAIN, et al., (1995), "Embryonic Stem Cells Express Neuronal Properties in vitro," <i>Dev. Biology</i> 168:342-357.			
		BRUSTLE, et al., (1997), "In Vitro-Generated Neural Precursors Participate in Mammalian Brain Development", <i>Proc. Natl. Acad. Sci. USA</i> 94:14809-14814.			
		CARPENTER, et al., (2001), "Enrichment of Neurons and Neural Precursors from Human Embryonic Stem Cells", <i>Exper. Neuro.</i> 172:383-397.			
		FRAICHARD, et al., (1995), "In Vitro Differentiation of Embryonic Stem Cells into Glial Cells and Functional Neurons", <i>J. Cell Sci.</i> 108:3181-3188.			
		GOLDMAN, National Institute of Health Symposium, NIH Research: Recent Progress and Future Promise of Human Embryonic Stem Cells, June 12, 2003, abstract available at stemcells.nih.gov/news/symposiumspeakers.asp#7 as of July 30, 2003.			
		HENDERSON, et al., (2002), "Preimplantation Human Embryos and Embryonic Stem Cells Show Comparable Expression of Stage-Specific Embryonic Antigens", <i>Stem Cells</i> 20:329-337.			
		KAWASAKI, et al., (2000), "Induction of Midbrain Dopaminergic Neurons from ES Cells by Stromal Cell-Derived Inducing Activity", <i>Neuron</i> 28:31-40.			
		KAWASAKI, et al., (2002), "Generation of Dopaminergic Neurons and Pigmented Epithelia from Primate ES Cells by Stromal Cell-Derived Inducing Activity", <i>Proc. Natl. Acad. Sci. USA</i> 99(3):1580-1585.			
		KIM, et al., (2002), "Dopamine Neurons Derived from Embryonic Stem Cells Function in an Animal Model of Parkinson's Disease", <i>Nature</i> 418:50-56.			
		KUO, et al., (2003), "Differentiation of Monkey Embryonic Stem Cells into Neural Lineages", <i>Biol. Reproduction</i> 68:1727-1735.			
		LI, et al., (1998), "Generation of Purified Neural Precursors from Embryonic Stem Cells by Lineage Selection", <i>Current Biol.</i> 8:971-974.			
		OKABE, (1996), "Development of Neuronal Precursor Cells and Functional Postmitotic Neurons from Embryonic Stem Cells in Vitro", <i>Mech. Dev.</i> 59:89-102.			
		O'SHEA, (2002), "Neural Differentiation of Embryonic Stem Cells", <i>Meth. In Mol. Biol.</i> 198:3-14.			
		RENONCOURT, et al., (1998), "Neurons Derived in Vitro from ES Cells Express Homeoproteins Characteristic of Motoneurons and Interneurons", <i>Mech. Dev.</i> 79:185-197.			
		REUBINOFF, et al., (2001), "Neural Progenitors from Human Embryonic Stem Cells", <i>Nature Biotech</i> 19(12):1134-1140.			
		SASAI, (2002), "Generation of Dopaminergic Neurons from Embryonic Stem Cells", <i>J. Neuro</i> 249(2):1141-1144.			
		SCHULDINER, et al, (2001), "Induced Neuronal Differentiation of Human Embryonic Stem Cells", <i>Brian Res.</i> 913:201-205.			
		STRUETING, et al., (1995), "Differentiation of Pluripotent Embryonic Stem Cells into the Neuronal Lineage in Vitro Gives Rise to Mature Inhibitory and Excitatory Neurons", <i>Mech. Dev.</i> 53:275-287.			
		TROPEPE, et al., (2001), "Direct Neural Fate Specification from Embryonic Stem Cells: A Primitive Mammalian Neural Stem Cell Stage Acquired through a Default Mechanism", <i>Neuron</i> , 30:65-78.			
		YING, et al. (2003), "Conversion of Embryonic Stem Cells into Neuroectodermal Precursors in Adherent Monoculture", <i>Nat. Biotech.</i> 1-4.			
		ZHANG, et al., (2001), "In Vitro Differentiation of Transplantable Neural Precursors from Human Embryonic Stem Cells", <i>Nature Biotech.</i> 19(12):1129-1133.			
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